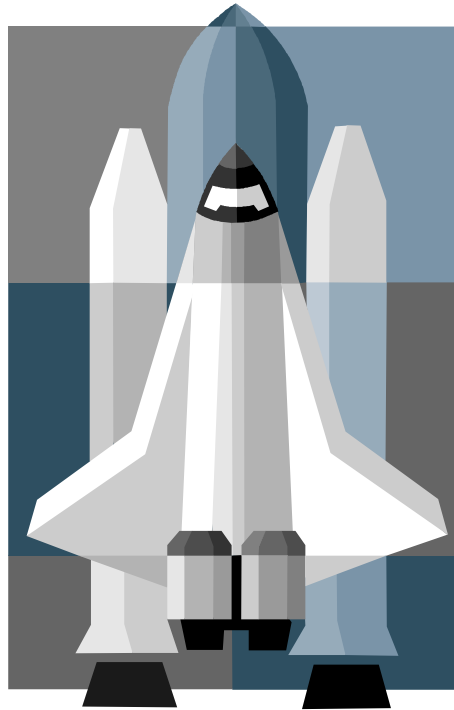


Northeastern Oklahoma Mathematics and Science Teacher Association



Third Annual Meeting

January 29, 2005

9:00 AM – 3:00 PM

Northeastern State University

Tahlequah, OK

**Sponsored in part by the College of Science and Health Professions;
Northeastern State University; and NSU MASTEP, a National Science
Foundation Funded Program**

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Northeastern Oklahoma Mathematics and Science Teacher
 Association (NOMSTA)
 Third Annual Meeting
 January 29, 2005
 9:00 am - 3:00 pm
 Northeastern State University, Tahlequah, OK
 Sponsored in part by the
 College of Science and Health Professions, Northeastern State University
 and NSU MASTEP, a National Science Foundation funded program

Conference Overview		
8:30 - 9:00 am	Pick up Packets On-Site Registration	Reception area of NET Auditorium
9:00 - 9:15 am	Welcome Welcome to NSU (<i>Dean Craig Clifford, College of Science and Health Professions</i>) Introduction of Officers and Board Conference Information and NOMSTA Candidates (<i>Lance Phillips, NOMSTA President</i>)	NET Auditorium
9:15 - 10:00 am	What's Up at NASA? (<i>Mike McGlone, Johnson Space Center, Houston, TX</i>)	NET Auditorium
10:15 - 11:15 am	Session I Workshops	2 nd and 3 rd Floors, UC
11:25 am - 12:25 pm	Session II Workshops	2 nd and 3 rd Floors, UC
12:35 - 1:50 pm	Lunch and NOMSTA Meeting in which officers and board members will be elected. NSU's New M.Ed. in Science Education and M.Ed. in Mathematics Education (Dr. April Adams, College of Science and Health Professions) Lunch is provided for pre-registered attendees and presenters at no additional charge.	Ballroom C 2 nd Floor, UC
2:00– 3:00 pm	Session III Workshops	2 nd and 3 rd Floors, UC
3:00 – 4:00 pm	NOMSTA Board Meeting	Birch (Morgan) Room, 3 rd Floor, UC

Session I Mathematics Workshops (10:15 - 11:15 am)

IM1 (IS1) General Interest Mathematics **Ballroom Lounge, 2nd Floor, UC**

Where in the World Can You Go to Meet with Mathematics and Science Teachers? and Purchasing Equipment and Supplies for Your Classroom: What You Can Buy and How Can You Use It? *A Presentation by NSU MASTEP Participants: Laura Fisher, Janice Hanlin, John Paul Harvell, Sherrie Long, Lance Phillips, Elizabeth Rusk, Monica Shrum, Steve Hardy, Gary Hawkins, Jeffery Hedger, Teresa Kincannon, Harold Terry,*

IM2 Elementary and Middle School Mathematics **Redbud Room, 3rd Floor, UC**

Circles, Thinking Conceptually, *Dr. Martha Parrot, Northeastern State University,* Through literature and hands-on experiences, participants will explore conceptually the definition of pi, the circumference of a circle, and the area of a circle.

IM3 (IS4) Middle School and High School Mathematics **Room 222, 2nd Floor, UC**

Launch Your Science or Math Class with Rockets, *Mike McGlone, Johnson Space Center, Houston, Texas.* Building Rockets is fun, launching them is even more fun, and they can be used to launch your students' interest in science and math.

Session I Science Workshops (10:15 - 11:15 am)

IS1 (IM1) General Interest Science **Ballroom Lounge, 2nd Floor, UC**

Where in the World Can You Go to Meet with Mathematics and Science Teachers? and Purchasing Equipment and Supplies for Your Classroom: What You Can Buy and How Can You Use It? *A Presentation by NSU MASTEP Participants: Laura Fisher, Janice Hanlin, John Paul Harvell, Sherrie Long, Lance Phillips, Elizabeth Rusk, Monica Shrum, Steve Hardy, Gary Hawkins, Jeffery Hedger, Teresa Kincannon, Harold Terry,*

IS2 General Interest Science **Ballroom C, 2nd Floor, UC**

Drawing Conclusions and Illustrations in Your Science Journals. *Dr. Dawn Yonally, Northeastern State University.* Recording your conclusions with a drawing is no longer an illusion. You, yes you, can learn to draw this session and teach your students.

IS3 Elementary School Science **Birch (Morgan) Room, Third Floor, UC**

FOSS Science: Hands-on Science for Grades K-6. *Sandi Rommel, FOSS.* FOSS is an inquiry-based, hands-on science curriculum from Lawrence Hall of Science. Enjoy an active workshop featuring Grades K-6 investigations.

IS4 Elementary and Middle School Science **Dogwood, 3rd Floor, UC**

NASA in the Classroom. *Dr. Pamela Christol, Northeastern State University.* In this interactive session, learn about the exemplary materials, exciting opportunities, and no-cost programs available from NASA. Free Materials! Door Prizes!

IS5 (IM4) Middle School and High School Science 223, 2nd Floor, UC
Launch Your Science or Math Class with Rockets, *Mike McGlone, Johnson Space Center, Houston, Texas*. Building Rockets is fun, launching them is even more fun, and they can be used to launch your students' interest in science and math.

Session II Mathematics Workshops (11:25 am - 12:25 pm)

IIM1 (IIS1) General Interest Mathematics Ballroom Lounge, 2nd Floor, UC

Where in the World Can You Go to Meet with Mathematics and Science Teachers? and Purchasing Equipment and Supplies for Your Classroom: What You Can Buy and How Can You Use It? *A Presentation by NSU MASTEP Participants: Rita Breashears, Zolene Chancellor, Sherry Collins, Mary Coombes, Carolyn Davis, Barbara Ross, Jan Yang,, Cherinell Riley Peggy Hart, Gayla Hatfield,, Vicky Hurst, Karl Hutchison, Jeff Lawrence.*

IIM2 (IIS2) General Interest Mathematics Dogwood, 3rd Floor, UC
Grant Writing for Math and Science, *Kate Felzien, Northeastern State University*, The session focuses on grant writing opportunities available to math and science teachers. Resources, tips, and funding sources are presented that help you get started.

IIM3 (IIS3) Elementary School Mathematics Redbud Room, 3rd Floor UC
Ag in the Classroom, Fun! Friendly! Flexible! *Mary Ann Kelsey*. Participate in hands-on, meaningful, timely, and fun learning experiences that correlate to PASS. You will receive resources, ideas, and activities ready for use in your classroom.

IIM4 Middle School Mathematics Room 222, 2nd Floor, UC
Put Your Math and Science Class into Space, *Mike McGlone, Johnson Space Center, Houston Texas*. Several Aerospace activities will be discussed, with at least one activity modeled, that can be easily used in the math and/or science classroom.

Session II Science Workshops (11:25 am - 12:25 pm)

IIS1 (IIM1) General Interest Science Ballroom Lounge, 2nd Floor, UC
Where in the World Can You Go to Meet with Mathematics and Science Teachers? and Purchasing Equipment and Supplies for Your Classroom: What You Can Buy and How Can You Use It? *A Presentation by NSU MASTEP Participants: Rita Breashears, Zolene Chancellor, Sherry Collins, Mary Coombes, Carolyn Davis, Barbara Ross, Jan Yang,, Cherinell Riley Peggy Hart, Gayla Hatfield,, Vicky Hurst, Karl Hutchison, Jeff Lawrence.*

IIS2 (IIM2) General Interest Science Dogwood, 3rd, Floor, UC
Grant Writing for Math and Science, *Kate Felzien, Northeastern State University*, The session focuses on grant writing opportunities available to math and science teachers. Resources, tips, and funding sources are presented that help you get started.

IIS3 (IIM3) Elementary School Science Redbud Room, 3rd Floor UC
Ag in the Classroom, Fun! Friendly! Flexible! *Mary Ann Kelsey*. Participate in hands-on, meaningful, timely, and fun learning experiences that correlate to PASS. You will receive resources, ideas, and activities ready for use in your classroom.

IIS4 Elementary School Science Room 223, 2nd Floor, UC
Science Shape Books. *Dr. Pamela Christol and Dr. Stephen Sargent, Northeastern State University*. This make and take session focuses on teaching science content to children through the construction of unique shape books.

IIS5 (IIM4) Middle School Science Room 222, 2nd Floor, UC
Put Your Math and Science Class into Space, *Mike McGlone, Johnson Space Center, Houston Texas*. Several Aerospace activities will be discussed, with at least one activity modeled, that can be easily used in the math and/or science classroom.

IIS6 Middle School and High School Science Birch (Morgan) Room, Third Floor, UC
Loop ‘Em and Launch ‘Em with CPO. *Kat Woodring and Sally Dudley, CPO Science*. Experience the new CPO loop track and straight. Hand outs and door prizes provided.

Lunch and NOMSTA Meeting, UC Ballroom C (12:35 - 1:50 pm)

Lunch requires a ticket. All presenters and pre-registered participants should have received a ticket. All tickets that have not been picked up by lunch time will be distributed to participants who registered on-site on a first come first served basis at 12:25 pm in front of the UC Ballroom. **There will be a NOMSTA Meeting immediately after lunch in the Ballroom. All attendees are invited to join and participate in the meeting. At this meeting, we will elect officers and board members.**

Session III Mathematics Workshops (2:00 - 3:00 pm)

IIM1 (IIS1) General Interest Mathematics and Science Ballroom Lounge, 2nd Floor, UC

Where in the World Can You Go to Meet with Mathematics and Science Teachers? and Purchasing Equipment and Supplies for Your Classroom: What You Can Buy and How Can You Use It? *A Presentation by NSU MASTEP Participants: P. A. Engle, Rebekah Ham, Shiranjini Jeyarajah, Lore Layer, DeShawn McCrary, Michael Reid, Jodie Rogers, Renae Shoate, Timothy Smythe, Sarah Sousa, Timmie Spangler, Cory Steele, Skyleen Willingham*

IIIM2 General Interest Mathematics Room 223, 2nd Floor, UC
Would You Like to Make an Extra \$5,000? *Carrie Steele, Kansas Public Schools*. I will discuss the National Board Certification program and its benefits. I am an AYA Math certified teacher. All levels are invited as well as other Nationally Board Certified Teachers.

IIIM3 Middle School Mathematics Redbud Room, 3rd Floor UC
Modeling Middle Level Mathematics, *Dr. Wendell Wyatt, Northeastern State University*. Math concepts will be modeled using multiple representations. These will be demonstrated using the animation feature of PowerPoint.

IIIM4 Middle School Mathematics Room 222, 2nd Floor, UC
Turning Wheels, *Dr. Deborah Carment, Northeastern State University*. We'll investigate the path of a point on a wheel as it rolls along the ground or around another wheel using Geometer's Sketchpad.

Session III Science Workshops (2:00 - 3:00 pm)

IIIS1 (IIIM1) General Interest Mathematics and Science Ballroom Lounge, 2nd Floor, UC
Where in the World Can You Go to Meet with Mathematics and Science Teachers? and Purchasing Equipment and Supplies for Your Classroom: What You Can Buy and How Can You Use It? *A Presentation by NSU MASTEP Participants: P. A. Engle, Rebekah Ham, Shiranjini Jeyarajah, Lori Layer, DeShawn McCrary, Michael Reid, Jodie Rogers, Renae Shoate, Timothy Smythe, Sarah Sousa, Timmie Spangler, Cory Steele, Skyleen Willingham.*

IIIS2 General Interest Science Birch (Morgan) Room, Third Floor, UC
Space Exploration: A Journey through the Solar System. *Debra Evans, NASA Solar System Ambassador and MESSENGER Educator Fellow*. Brief overview of NASA Space Exploration and walk through model of our solar system.

IIIS3 Elementary School Science Birch (Morgan) Room, Third Floor, UC
Delta Science Modules: Hands-on Science for Grades K-6. *Sandi Rommel, Delta Education*. DSMs provide hands-on science lessons and equipment kits for Grades K-6. Workshop features selected activities from K-6 DSM Kits.

IIIS4 Elementary and Middle School Science Redbud Room 2nd Floor, UC
Integrating Language Arts and Science. *Dr. Stephen Sargent and Dr. Pamela Christol, Northeastern State University*. Participants will learn how to integrate the subjects of Language Arts and Science, specifically the use of children's literature in science.

Spread the word about NOMSTA!
Membership forms are on the NOMSTA web site:
<http://arapaho.nsuok.edu/~NOMSTA>